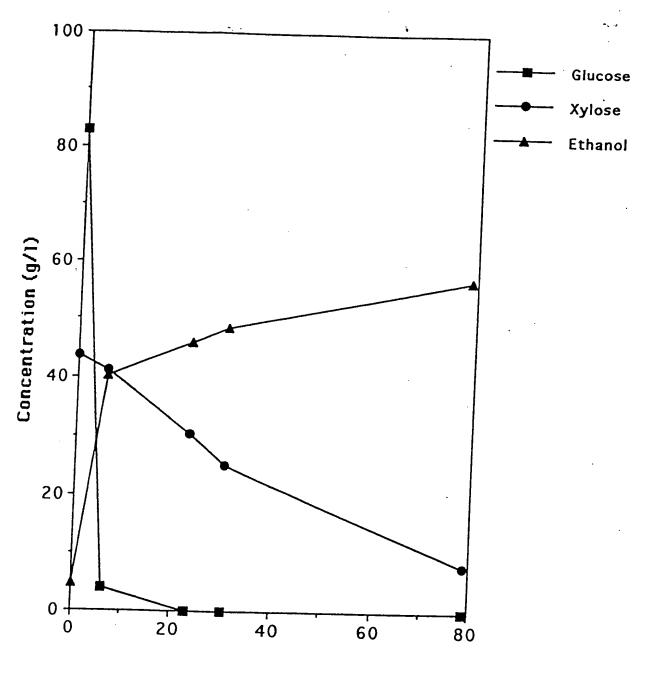


Fermentation Time (hr)

259A(LNH-ST)(Int 0) Cofermentation of Glucose and Xylose

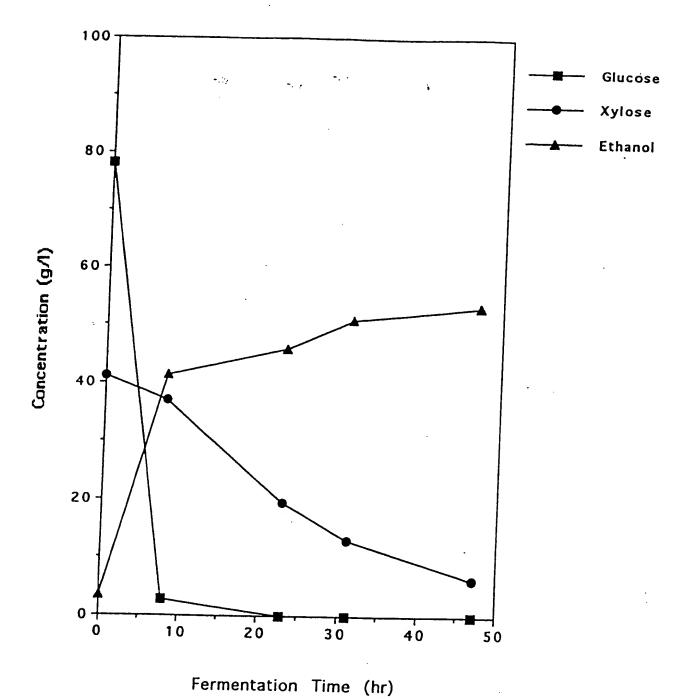
Figure A



Fermentation Time (hr)

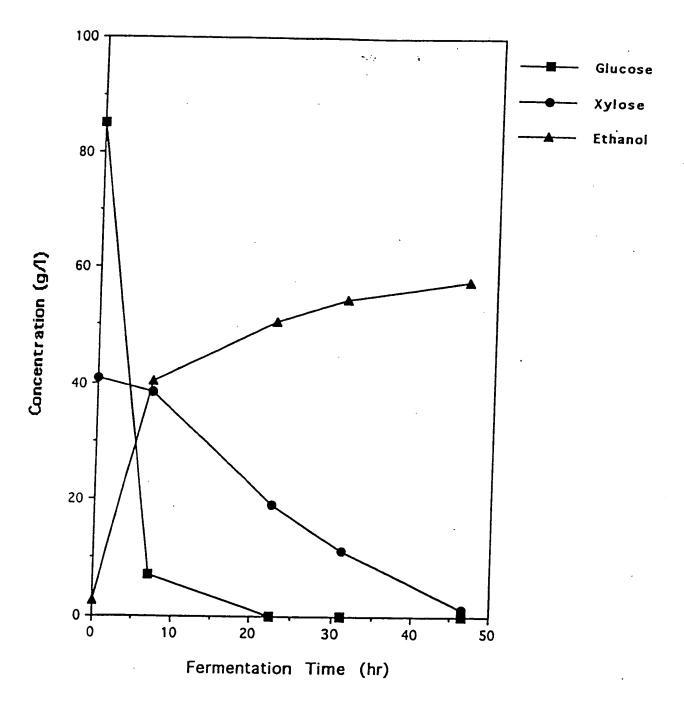
259A(LNH-ST)(Int 1) Cofermentation of Glucose and Xylose

Figure B



259A(LNH-ST)(Int 2) Cofermentation of Glucose and Xylose

Figure C



259A(LNH-ST)(Int 3) Cofermentation of Glucose and Xylose

Figure D

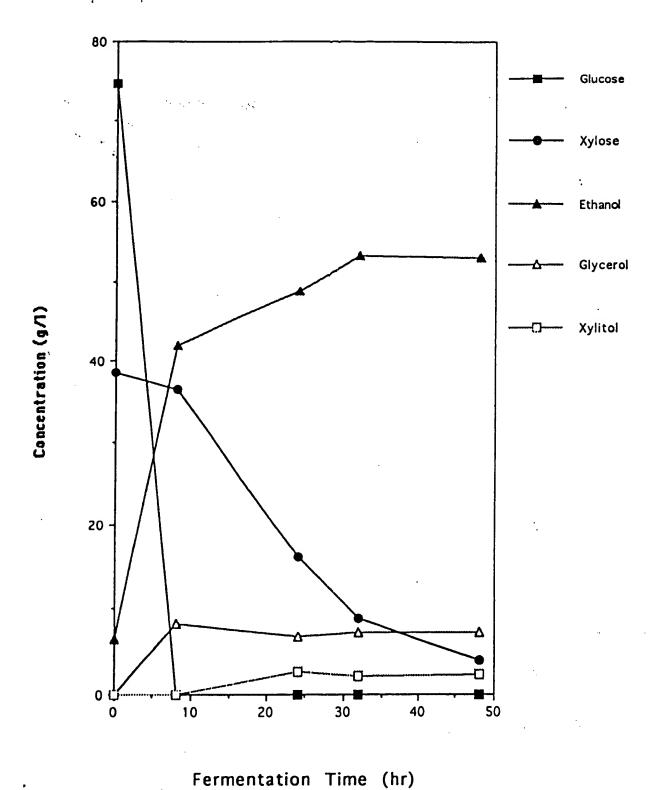
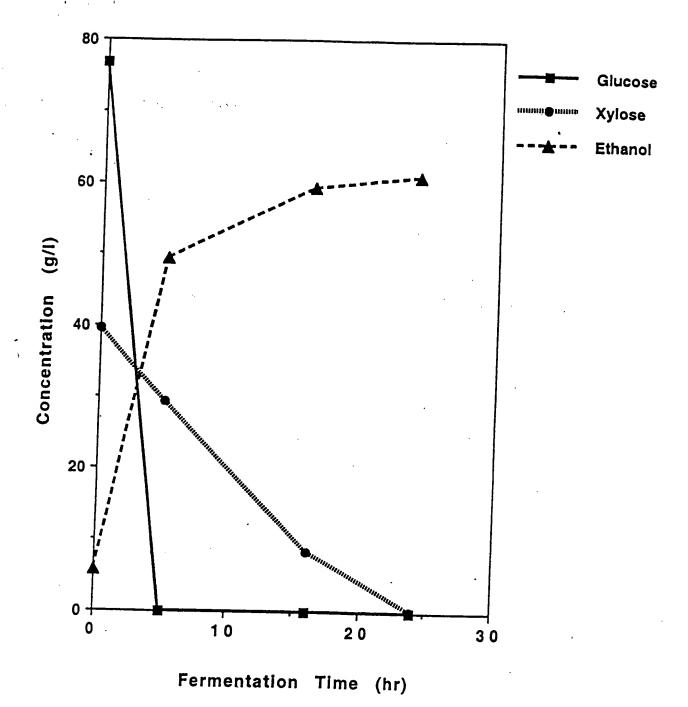
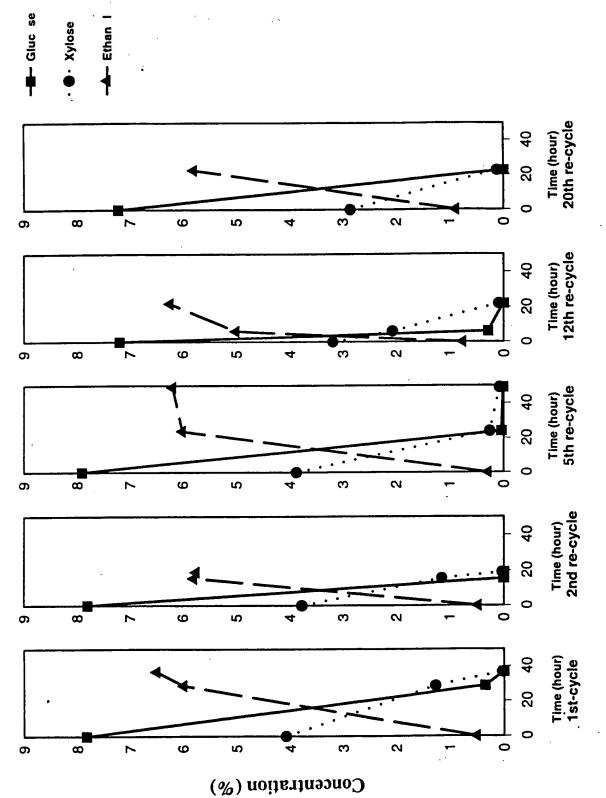


Figure E 259A (LNH-ST) cofermentation of glucose and xylose after being cultured in non-selective medium (YEP + glucose) for more than 40 generations



Cofermentation of Glucose and Xylose by 424A(LNH-ST)

Figure F



Genetically Enginnered Stable Glucose-Xylose-Cofermenting Saccharomyces Yeast 424A(LNH-ST) Repeatedly Cofermenting Glucose and Xylose

Figure G